

TRANSLATION

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

|  |   |   |                       |
|--|---|---|-----------------------|
| Applicant's or agent's file reference<br><b>04R00062W000</b>   | <b>FOR FURTHER ACTION</b>                                       |   | See Form PCT/IPEA/416 |
| International application No.<br><b>PCT/JP2004/009107</b>  | International filing date (day/month/year)<br><b>28.06.2004</b> | Priority date (day/month/year)<br><b>19.12.2003</b> |                       |
| International Patent Classification (IPC) or national classification and IPC<br><b>. G06F12/00, G06K17/00, H04N5/22B, 5/76, 5/91 // H04N101:00</b> |   |   |                       |
| Applicant<br><b>SHARP KABUSHIKI KAISHA</b>   |   |   |                       |

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|---|
| <p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <b>6</b> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p> |
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| <p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input checked="" type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p> |
|--|

|   |                                   |
|---|-----------------------------------|
| Date of submission of the demand        | Date of completion of this report |
| Name and mailing address of the IPEA/JP | Authorized officer                |
| Facsimile No.                           | Telephone No.                     |

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.  
PCT/JP2004/009107

## Box No. I Basis of the report

1. With regard to the **language**, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
 

This report is based on translations from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of:
 
  - international search (Rule 12.3 and 23.1(b))
  - publication of the international application (Rule 12.4)
  - international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the **elements** of the international application, this report is based on (*replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report*):
 

the international application as originally filed/furnished

the description:
 

pages \_\_\_\_\_ as originally filed/furnished

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

the claims:
 

nos. \_\_\_\_\_ as originally filed/furnished

nos.\* \_\_\_\_\_ as amended (together with any statement) under Article 19

nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

nos.\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

the drawings:
 

sheets \_\_\_\_\_ as originally filed/furnished

sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

sheets\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_

a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3.  The amendments have resulted in the cancellation of:
 

the description, pages \_\_\_\_\_

the claims, nos. \_\_\_\_\_

the drawings, sheets/figs \_\_\_\_\_

the sequence listing (*specify*): \_\_\_\_\_

any table(s) related to sequence listing (*specify*): \_\_\_\_\_
4.  This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
 

the description, pages \_\_\_\_\_

the claims, nos. \_\_\_\_\_

the drawings, sheets/figs \_\_\_\_\_

the sequence listing (*specify*): \_\_\_\_\_

any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

#### **Box No. IV      Lack of unity of invention**

1.  In response to the invitation to restrict or pay additional fees the applicant has:

restricted the claims.

paid additional fees.

paid additional fees under protest.

neither restricted the claims nor paid additional fees.

2.  This Authority found that the requirement of unity of invention is not complied with and chose, according to Rule 68.1, not to invite the applicant to restrict or pay additional fees.

3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is:

complied with.

not complied with for the following reasons:

4. Consequently, this report has been established in respect of the following parts of the international application:

all parts.

the parts relating to claims Nos.

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.  
PCT/JP2004/009107Box No. V **Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

## 1. Statement

|                               |             |     |
|-------------------------------|-------------|-----|
| Novelty (N)                   | Claims 3-13 | YES |
|                               | Claims 1-2  | NO  |
| Inventive step (IS)           | Claims      | YES |
|                               | Claims 1-13 | NO  |
| Industrial applicability (IA) | Claims 1-13 | YES |
|                               | Claims      | NO  |

## 2. Citations and explanations (Rule 70.7)

Document 1: JP 2002-73652 A (Ainitsukusu KK), 12 March 2002, entire text; all drawings

Document 2: JP 2003-37770 A (Casio Computer Co., Ltd.), 7 February 2003, entire text; all drawings

Document 3: JP 2002-229840 A (Yoshiaki Hattori), 16 August 2002, paragraph [0028]; fig. 4

Document 4: JP 2003-177987 A (Seiko Epson Corporation), 27 June 2003, paragraph [0042]; fig. 4

Claims 1 and 2

The invention set forth in claims 1 and 2 is disclosed in document 1 cited in the international search report, and therefore lacks novelty and does not involve an inventive step.

Document 1 sets forth a data recording device, wherein said data recording device is provided with a capture part; a means of extracting code information from captured image data; and a means of generating a folder name or file name related to the data based on the extracted code information.

In addition, document 1 sets forth diverse identification code strings (stack-type two-dimensional codes, matrix-type two-dimensional codes, etc.), and it

**INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**

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**Box No. V** **Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

is obvious that a code table exists in each identification code.

**Claims 3 to 6**

The invention set forth in claims 3 to 6 does not involve an inventive step in the light of document 1 and document 2 cited in the international search report.

Document 2 sets forth a feature wherein a judgment is made as to whether code information (a character string comprising file name/folder name) has been extracted from an image, whether or not the extraction has been made is reported, and if extraction has not been made file name/folder name are generated from predetermined information (time and date, etc.), and file name or folder name related to the data are assigned, and it would be easy for a person skilled in the art to apply this feature to the invention set forth in document 1.

**Claims 7 to 13**

The invention set forth in claims 7 to 13 does not involve an inventive step in the light of document 1 and documents 3 and 4 cited in the international search report.

Document 1 sets forth diverse identification code strings, and it is obvious that analysis is carried out for each identification code, therefore it would not involve particular technical difficulty for a person skilled in the art to constitute an invention to be provided with a plurality of analysis means and to select from these analysis means.

In addition, documents 3 and 4 set forth a feature wherein according to instructions from a user, a file

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International application No.  
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**Box No. V** **Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

name is transmitted to an external device from an information transmitting device, and the transmitted file name is assigned to a data file at the external device. It would be easy for a person skilled in the art to apply this feature to the device set forth in document 1.